

IN THE ABSTRACT:

Please delete the Abstract in its entirety and replace with the following new
Abstract:

ABSTRACT

The invention relates to a solid ionic conducting material which can be used as an electrolyte or as a component of a composite electrode. The material comprises a polymer matrix, at least one ionic species and at least one reinforcing agent. The polymer matrix is a solvating polymer optionally having a polar character, a non-solvating polymer carrying acidic ionic groups, or a mixture of a solvating or non-solvating polymer and an aprotic polar liquid. The ionic species is an ionic compound selected from salts and acids, said compound being in solution in the polymer matrix, or an anionic or cationic ionic group fixed by covalent bonding on the polymer, or a combination of the two. The reinforcing agent is a cellulosic material or a chitin.